

DESCRIPTIVE ABSTRACT

MULTILAYER STRUCTURE WITH CONTROLLED INTERNAL STRESSES
AND METHOD FOR PRODUCING SUCH A STRUCTURE

A multilayer structure with controlled internal stresses comprising, in this order, a first main layer (110a), at least a first constraint adaptation layer (130) in contact with the first main layer, at least a 5 second stress adaptation layer (120) put into contact by adhesion with said first stress adaptation layer, and a second main layer (110b) in contact with the second stress adaptation layer, the first and second stress adaptation layers having contact stresses with 10 the first and second main layers.

Application to the realization of electronic circuits and membrane devices.

Fig. 8

15